

cells significantly – a concentration of approximately .5 mM being necessary to see 27% inhibition of growth of LNCaP cells

Fig. 3 is a graphical depiction of data establishing eugenol inhibits the growth of LNCaP cells significantly – a concentration of approximately .25 mM being necessary to see 36% inhibition of growth of LNCaP cells

Fig. 4 is a graphical depiction of data establishing the synergistic effect of the combination of 2ME and eugenol with regard to inhibiting the growth of LNCaP cells– the combination of both agents showed more than 70% inhibition- indicating synergistic activity.

Fig. 5 is a graphical depiction of the effect of 2ME and eugenol on LNCaP human prostate tumor xenograft

Fig. 6 is a picture comparison of the prostate size of mice treated with a normal diet or a diet comprising 2ME.

Fig. 7 is a graphical depiction of the favorable effect of 2ME on the body weight of mice receiving a 2ME diet and also the favorable effect on the weight of prostate size of mice receiving a 2ME diet.

Fig. 8 provides H & E analysis of the prostate of mice receiving a normal diet and mice receiving a 2ME diet.

In the Claims:

Please cancel Claims 1 through 7.

Please add the following new claim (any and all fees for added claims may be charged to the Deposit Account of the undersigned, Account No. 50-0894).